

Section I (Amendments to the Claims)

Please cancel claims 1-17, 25-30, 39-42 and 53-69, and add new claims 70 – 72, as set out below in the listing of claims 1-72 of the application.

The claims currently under examination are previously presented claims 31 – 38, 43 – 52 and newly added claims 70-72.

Claims 1 – 17, 25 – 30, 39 – 42, and 53 – 69 have been previously withdrawn pursuant to a restriction requirement. Such claims are canceled herein to advance the application to allowance, with express reservation of the right to file divisional application(s) directed to the subject matter thereof, during the pendency of the present application or a further divisional or continuing application based on and claiming the priority of the present application.

Claims 1-72

1.-30. (Canceled)

31. (Previously presented) A display including at least one light emission device, wherein each light emission device comprises an LED energizable to emit radiation with an emission maximum in a spectral range of the blue to ultraviolet spectrum, and a luminophoric medium arranged to be impinged by radiation emitted from the LED and to responsively emit radiation in a range of wavelengths, so that radiation is emitted from the light emission device as a white light output.

32. (Previously presented) The display of claim 31, wherein the luminophoric medium of each light emission device comprises phosphor material.

33. (Previously presented) The display of claim 31, wherein the luminophoric medium in each light emission device comprises a material responsively emitting radiation in at least the green spectrum.

34. (Previously presented) The display of claim 31, wherein the LED in each light emission device comprises a blue light LED.

35. (Previously presented) The display of claim 31, wherein the white light output of each light emission device comprises primary radiation emission from the LED and secondary radiation emission from the luminophoric medium.

36. (Previously presented) The display of claim 31, wherein the LED in each light emission device comprises a material selected from the group consisting of: gallium nitride; indium gallium nitride; aluminum gallium indium nitride; aluminum gallium nitride; and indium nitride.

37. (Previously presented) The display of claim 31, comprising a liquid crystal display.

38. (Previously presented) The display of claim 31, comprising a backlight display.

39.-42. (Canceled)

43. (Previously presented) The display of claim 31, wherein the luminophoric medium in each light emission device comprises a material responsively emitting radiation in at least the yellow spectrum.

44. (Previously presented) An apparatus comprising a display, electrical circuitry operatively coupled with the display, and at least one light emitter including an LED operatively coupled with the electrical circuitry and energizable to emit radiation with an emission maximum in a spectral range of the blue to ultraviolet spectrum, and a luminophoric phosphor medium arranged to be impinged by radiation emitted from the LED and to responsively emit radiation in a range of wavelengths, so that radiation is emitted from the light emitter as a white light output.

45. (Previously presented) The apparatus according to claim 44, wherein the display comprises a liquid crystal display.

46. (Previously presented) The apparatus according to claim 45, wherein the light emitter provides illumination for the liquid crystal display.

47. (Previously presented) The apparatus of claim 44, wherein the luminophoric phosphor medium comprises a phosphor material responsively emitting radiation in at least the green spectrum.

48. (Previously presented) The apparatus of claim 44, wherein the luminophoric phosphor medium comprises a phosphor material responsively emitting radiation in at least the yellow spectrum.

49. (Previously presented) The apparatus of claim 44, wherein the LED comprises a blue light LED.

50. (Previously presented) The apparatus of claim 44, wherein the white light output of the light emitter comprises primary radiation emission from the LED and secondary radiation emission from the luminophoric phosphor medium.

51. (Previously presented) The apparatus of claim 44, comprising a multiplicity of light emitters.

52. (Previously presented) The apparatus of claim 44, comprising a power supply operatively coupled with said electrical circuitry.

53.-69. (Canceled)

70. (New) A liquid crystal display comprising a back light structure including an LED/phosphor assembly in which the LED is energizable to emit radiation and the phosphor is arranged to be impinged by radiation from the LED so that the LED/phosphor assembly produces back light illumination for the liquid crystal display.

71. (New) The liquid crystal display of claim 70, comprising an array of LED/phosphor assemblies arranged to produce back light illumination for the liquid crystal display.

72. (New) The liquid crystal display of claim 70, wherein the LED/phosphor assembly comprises a white light emitting LED/phosphor assembly.